

SEP 12 2008

Office of Enforcement  
Compliance & Environmental  
Justice

## REPA-4 MONTHLY PROGRESS REPORT

<b>Contract Number:</b>	EP-W-07-019	<b>Region:</b>	EPA Region 08
<b>Contractor Name:</b>	Tetra Tech EM Inc.	<b>Period of Performance:</b>	05/24/07 - 09/30/08
<b>Contract Number:</b>	EP-W-07-019	<b>Related Invoice Number:</b>	TO 014-8
<b>Task Order Number:</b>	014	<b>Date of Report:</b>	September 9, 2008
<b>Task Order Title:</b>	8T03 ASARCO East Helena Smelter CAMU Cell 2	<b>Tetra Tech Task Order Manager:</b>	Dave Harr
<b>Task Order Type:</b>	Fixed Rate Ceiling	<b>Tetra Tech TOM Phone Number:</b>	303-312-8848
<b>Reporting Period:</b>	August 2008	<b>EPA Task Order COR:</b>	Linda Jacobson
<b>Dollar Amount of Work Completed to Date:</b>	\$24323.43		
<b>Percent of Work Completed to Date:</b>	85%		

### 1. ACTIVITY FOR THE REPORTING PERIOD

#### Task 1 - Conduct Technical Document Review

Tetra Tech received and reviewed the 2008 ASARCO East Helena Lead Smelter site demolition work plan and work plan addendum from EPA. These work plans present the proposed approach and schedule of demolition activities at ASARCO.

#### Task 2 - Perform Field Oversight

On August 5, 2008, Tetra Tech submitted task order proposal revision 02.

Tetra Tech attended a construction meeting at the ASARCO East Helena Lead Smelter site on August 21, 2008.

Tetra Tech and EPA discussed additional oversight of activities at the ASARCO East Helena Lead Smelter site.

#### Task 3 - Prepare Health and Safety Plan

No technical work was carried out under this task during this reporting period.

### 2. OUTSTANDING ISSUES/PROBLEM RESOLUTION

EPA approval of task order proposal revision 02 dated August 5, 2008.

### 3. TETRA TECH-INITIATED INNOVATIONS AND COST SAVINGS

None

### 4. FINANCIAL STATUS

Please see the attached financial report.

### 5. ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

#### Task 1 - Conduct Technical Document Review

Tetra Tech anticipates discussing the demolition work plan and addendum with EPA during this reporting period.

#### Task 2 - Perform Field Oversight

Tetra Tech anticipates continuing technical oversight at the ASARCO East Helena Lead Smelter site.

### **Task 3 - Prepare Health and Safety Plan**

Tetra Tech anticipates updating the health and safety plan submitted in June 2007, in anticipation of additional oversight and confirmation sampling during demolition activities and placement of waste at the ASARCO East Helena Lead Smelter CAMU Cell 2.

## **6. DELIVERABLES**

<b>Description</b>	<b>Due Date</b>	<b>Revised Date</b>	<b>Submittal Date</b>
July 2008 Monthly Progress Report	August 15, 2008		August 8, 2008
August 2008 Monthly Progress Report	September 12, 2008		
Daily Progress Reports - Oversight of Field Activities at CAMU Cell 2	— <sup>1</sup>		

<sup>1</sup> Daily progress reports submitted to EPA via e-mail within 24 hours of daily oversight activities at the ASARCO East Helena Lead Smelter.



**TETRA TECH EM INC.**  
**TASK ORDER SUMMARY**  
Contract No. EP-W-07-019  
Reporting Period: 07/28/2008 - 08/24/2008

Task Order No. 014  
Title: 8T03 ASARCO East Helena Smelter CAMU Cell 2  
TO Type: Fixed Rate Ceiling  
% of Work Completed: 85.00%  
\$ of Work Completed: \$ 24,323.43  
Region: EPA Region 08

Related Invoice No: TO 014-8  
Date of Report: 09/03/2008  
Project Manager: Dave Harr  
Phone No: 303-312-8848  
TO COR: Linda Jacobson  
POP: 05/24/2007 - 09/30/2008

Approved Budget: 33,575.00  
Current Funded Amount: 50,423.00  
Cumulative Paid: 19,242.42

	Current Hours	Current Amount	Cumulative Hours	Cumulative Amount
<b>Labor Cost</b>				
Sr Regulatory Specialist	9.5	1,072.55	81.0	8,918.66
Sr Engineer	1.0	117.85	84.0	9,806.34
Jr Engineer	0.0	0.00	3.5	212.03
Staff Environmental Scientist	0.0	0.00	32.0	2,413.44
Staff Geologist	1.5	115.43	15.0	1,154.28
Certified Industrial Hygienist	0.0	0.00	2.0	215.24
Jr GIS Analyst	0.0	0.00	4.0	245.28
Technical Editor	0.0	0.00	3.5	276.75
Clerical / Admin	0.0	0.00	1.0	50.72
<b>Total Labor Hours and Costs</b>	<b>12.0</b>	<b>1,305.83</b>	<b>226.0</b>	<b>23,292.74</b>
<b>Other Direct Costs</b>				
Photocopies		0.00		135.66
Mail/Delivery		0.00		4.57
Telecommunications		0.00		0.00
Computer		46.80		707.44
Supplies		0.00		0.00
Equipment Rental		0.00		0.00
All Others		0.00		0.00
<b>Total Other Direct Costs</b>		<b>46.80</b>		<b>847.67</b>
<b>Travel</b>		<b>45.45</b>		<b>85.85</b>
<b>Subcontractors Costs</b>		<b>0.00</b>		<b>0.00</b>
<b>G&amp;A on Non-Labor</b>		<b>9.64</b>		<b>97.17</b>
<b>TOTAL COSTS</b>		<b>1,407.72</b>		<b>24,323.43</b>
<b>Suspended/Reinstated</b>		<b>0.00</b>		<b>0.00</b>
<b>TOTAL BILLED</b>		<b>1,407.72</b>		<b>24,323.43</b>



**TETRA TECH EM INC.**  
**TASK ORDER SUMMARY BY TASK**  
Contract No. EP-W-07-019  
Reporting Period: 07/28/2008 - 08/24/2008

Task Order No. 014  
Title: 8T03 ASARCO East Helena Smelter CAMU Cell 2  
TO Type: Fixed Rate Ceiling  
% of Work Completed: 85.00%  
\$ of Work Completed: \$ 24,323.43  
Region: EPA Region 08

Related Invoice No: TO 014-8  
Date of Report: 09/03/2008  
Project Manager: Dave Harr  
Phone No: 303-312-8848  
TO COR: Linda Jacobson  
POP: 05/24/2007 - 09/30/2008

Estimate at Completion: 33,575.00  
Cumulative Paid: 19,242.42

Task No.	Task Name	Current Hours	Current Amount	Cumulative Hours	Cumulative Amount	Current Funding	% Funding Expended	Approved Hours	Approved Amount
01	Conduct Technical Document Review	1.5	121.89	89.5	9,278.95	27,594.00	33.63%	210.0	22,540.00
02	Perform Field Oversight	10.5	1,285.83	100.5	11,661.18	18,686.00	62.41%	66.0	6,892.00
03	Prepare Health and Safety Plan	0.0	0.00	36.0	3,383.30	4,143.00	81.66%	44.0	4,143.00
Total for Task Order 014		12.0	1,407.72	226.0	24,323.43	50,423.00	48.24%	320.0	33,575.00
Suspended			0.00		0.00				
Total Billed			<u>1,407.72</u>		<u>24,323.43</u>				



**TETRA TECH EM INC.**  
**CURRENT LABOR REPORT**  
Contract No. EP-W-07-019  
Reporting Period: 07/28/2008 - 08/24/2008

Task Order No. 014  
Title: 8T03 ASARCO East Helena Smelter CAMU Cell 2  
TO Type: Fixed Rate Ceiling  
% of Work Completed: 85.00%  
\$ of Work Completed: \$ 24,323.43  
Region: EPA Region 08

Related Invoice No: TO 014-8  
Date of Report: 09/03/2008  
Project Manager: Dave Harr  
Phone No: 303-312-8848  
TO COR: Linda Jacobson  
POP: 05/24/2007 - 09/30/2008

Company/Labor Category	Employee Name	Rate	Current Hours	Current Amount	Cumulative Hours	Cumulative Amount
<b>Task Number: 01 Task Name: Conduct Technical Document Review</b>						
<u>Tetra Tech</u>						
Clerical / Admin	Diller, June E	50.72			1.0	50.72
Jr Engineer	Weir, Meghan	60.58			3.5	212.03
Sr Engineer	Bosche, John	113.62			5.0	568.10
	Sturm, Gary L	113.62			17.0	1,931.54
Sr Regulatory Specialist	Harr, David J	108.86			43.5	4,735.41
Staff Environmental Scientist	Reynolds, Christopher	75.42			16.0	1,206.72
Staff Geologist	Reynolds, Christopher	76.95	1.5	115.43	1.5	115.43
Technical Editor	Thomas, Rosemary S.	79.07			2.0	158.14
Total for Tetra Tech			1.5	115.43	89.5	8,978.09
<b>Total for Task 01</b>			<b>1.5</b>	<b>115.43</b>	<b>89.5</b>	<b>8,978.09</b>
<b>Task Number: 02 Task Name: Perform Field Oversight</b>						
<u>Tetra Tech</u>						
Sr Engineer	Sturm, Gary L	117.85	1.0	117.85	62.0	7,306.70
Sr Regulatory Specialist	Harr, David J	112.90	9.5	1,072.55	25.0	2,822.50
Staff Geologist	Reynolds, Christopher	76.95			13.5	1,038.85
Total for Tetra Tech			10.5	1,190.40	100.5	11,168.05
<b>Total for Task 02</b>			<b>10.5</b>	<b>1,190.40</b>	<b>100.5</b>	<b>11,168.05</b>
<b>Task Number: 03 Task Name: Prepare Health and Safety Plan</b>						
<u>Tetra Tech</u>						
Certified Industrial Hygienist	Ecord, Richard	107.62			2.0	215.24
Jr GIS Analyst	Herold, Douglas W	61.32			4.0	245.28
Sr Regulatory Specialist	Harr, David J	108.86			12.5	1,360.75
Staff Environmental Scientist	Reynolds, Christopher	75.42			16.0	1,206.72
Technical Editor	Fries, Butch E	79.07			1.5	118.61
Total for Tetra Tech					36.0	3,146.60
<b>Total for Task 03</b>					<b>36.0</b>	<b>3,146.60</b>
<b>Total for Task Order 014</b>			<b>12.0</b>	<b>1,305.83</b>	<b>226.0</b>	<b>23,292.74</b>



**TETRA TECH EM INC.**  
**CURRENT OTHER DIRECT COST REPORT**  
Contract No. EP-W-07-019  
Reporting Period: 07/28/2008 - 08/24/2008

Task Order No. 014  
Title: 8T03 ASARCO East Helena Smelter CAMU Cell 2  
  
TO Type: Fixed Rate Ceiling  
% of Work Completed: 85.00%  
\$ of Work Completed: \$ 24,323.43  
Region: EPA Region 08

Related Invoice No: TO 014-8  
Date of Report: 09/03/2008  
Project Manager: Dave Harr  
Phone No: 303-312-8848  
TO COR: Linda Jacobson  
POP: 05/24/2007 - 09/30/2008

Vendor Name	Account Name	Office	Amount	Invoice #	Transaction Description
<b>Task Number: 01</b>	<b>Task Name: Conduct Technical Document Review</b>				
Other Direct Costs	Other Direct Costs - Computer	103 Helena	5.85		Computer Usage Time
<b>Total for Task 01</b>			<u>5.85</u>		
<b>Task Number: 02</b>	<b>Task Name: Perform Field Oversight</b>				
Other Direct Costs	Other Direct Costs - Computer	103 Denver	37.05		Computer Usage Time
Other Direct Costs	Other Direct Costs - Computer	103 Helena	3.90		Computer Usage Time
<b>Total for Task 02</b>			<u>40.95</u>		
<b>Total for Task Order 014</b>			<u><u>46.80</u></u>		



**TETRA TECH EM INC.**  
**TRAVEL DETAIL REPORT**  
Contract No. EP-W-07-019  
Reporting Period: 07/28/2008 - 08/24/2008

Task Order No. 014  
Title: 8T03 ASARCO East Helena Smelter CAMU Cell 2  
  
TO Type: Fixed Rate Ceiling  
% of Work Completed: 85.00%  
\$ of Work Completed: \$ 24,323.43  
Region: EPA Region 08

Related Invoice No: TO 014-8  
Date of Report: 09/03/2008  
Project Manager: Dave Harr  
Phone No: 303-312-8848  
TO COR: Linda Jacobson  
POP: 05/24/2007 - 09/30/2008

Task No.	Task Title	Name	Purpose of Travel	Origin	Destination	Departure Date	Return Date	Lodging	Per Diem	Transportation	Other	Total Travel Expense
02	Perform Field Oversight	Sturm, Gary L	Oversight at ASARCO Smelter	Helena, MT	E Helena, MT	06/23/2008	07/22/2008	0.00	0.00	45.45	0.00	45.45
Total for Task Order 014								<u>0.00</u>	<u>0.00</u>	<u>45.45</u>	<u>0.00</u>	<u>45.45</u>



TETRA TECH EM INC.  
TASK ORDER DISBURSEMENT HISTORY  
Contract No. EP-W-07-019  
Reporting Period: 7/28/2008 - 8/24/2008

Task Order No: 014  
Title: ASARCO East Helena Smelter CAMU Cell 2  
TO Type: Fixed Rate Ceiling  
% of Work Compl: 85.00%  
\$ of Work Compl: \$24,323.42  
Region: EPA Region 8

Related Invoice No. TO 014-08  
Date of Report: 9/3/2008  
Project Manager: Dave Harr  
Phone No: 303-312-8848  
TOCOR: Linda Jacobson  
POP: 5/24/07-9/30/08

Invoice Date	For Period Ending	Invoice Number	Invoice Amount	Amount Paid	Amount Not Paid
07/10/07	07/01/07	TO 014-01	\$11,062.14	\$11,062.14	\$0.00
08/07/07	07/29/07	TO 014-02	\$515.09	\$515.09	\$0.00
09/04/07	08/26/07	TO 014-03	\$364.51	\$364.51	\$0.00
10/09/07	09/30/07	TO 014-04	\$598.61	\$598.61	\$0.00
06/03/08	05/25/08	TO 014-05	\$1,265.31	\$1,265.31	\$0.00
07/08/08	06/29/08	TO 014-06	\$5,436.76	\$5,436.76	\$0.00
08/05/08	07/27/08	TO 014-07	\$3,673.28		
09/03/08	08/24/08	TO 014-08	\$1,407.72		
TOTALS			\$24,323.42	\$19,242.42	\$0.00



TETRA TECH EM INC.  
TASK ORDER MODIFICATION HISTORY  
Contract No. EP-W-07-019  
Reporting Period: 7/28/2008 - 8/24/2008

Task Order No: 014

Modification Number	Modification Date	Funding	Description
Award	05/24/07	\$33,575.00	Award the work and fully fund the task order.
01	08/17/07	\$0.00	Extend Period of Performance to 9/30/08.
02	05/06/08	\$0.00	Change TOCOR to Linda Jacobson.
03	07/24/08	\$16,848.00	Add undefinitized funding.
TOTALS		\$50,423.00	